KLA TENCOR CORP Form SC 13G/A December 07, 2015

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13G/A

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERE TO FILED PURSUANT TO RULE 13d-2(c)

(AMENDMENT 3)

KLA-Tencor Corporation

(NAME OF ISSUER)

COMMON STOCK

(Title of Class of Securities)

482480100

(CUSIP Number)

November 30, 2015

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

		X Rule 13d-1 (b) Rule 13d-1 (c) Rule 13d-1 (d)
	P No. 13G/A 80100	Page 1 of 3 pages
1.	Names of reporting persons JPMorgan Chase & Co. I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)	13-2624428
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) (b)
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NU	MBER OF 5. SOLE VOTING POWER	10,878,711

,	SHARES			
BEN	IEFICIALLY	6.	SHARED VOTING POWER	219,316
O	WNED BY			
	EACH	7.	SOLE DISPOSITIVE POWER	11,815,789
RE	EPORTING			
PER	RSON WITH	8.	SHARED DISPOSITIVE POWER	219,940
9.	AGGREGATE AN PERSON 12,035,819	MOUNT 1	BENEFICIALLY OWNED BY EAC	TH REPORTING
10.	CHECK BOX IF T EXCLUDES CERTAIN SHARE		REGATE AMOUNT IN ROW (9)	
11.	PERCENT OF CI	LASS RE	PRESENTED BY AMOUNT IN RO	W (9)
12.	TYPE OF REF	PORTING	FPERSON*	НС
	Item 1(a).	Name	of Issuer:	

Item 1(b).	Address of Issuer's Principal Executive Offices:
One Technology Drive Milpitas, California 95035	
Item 2(a).	Name of Person Filing:
JPMorgan Chase & Co. Item 2 (b) .	Address of Principal Business Office or, if None, Residence:
270 PARK AVE	
NEW YORK, NY 10017	
Item 2(c).	Citizenship
Delaware	
Item 2(d).	Title of Class of Securities:

COMMON STOCK

Unless otherwise noted, security being reported is common stock		
	Item 2(e).	CUSIP Number:
482480100		
Item 3 If this Sta	atement is Filed	Pursuant to Rule 13d-1(b), or 13d-2(b)
Or (c), Check Whether the Person Filing	is a:	
		(a)
Broker or dealer registered under Section	n 15 of the Exch	nange Act;
		(b)
Bank as defined in Section 3(a)(6) of the	Exchange Act;	
		(c)
Insurance company as defined in Section	a 3(a)(19) of the	
Exchange Act;		
		(d)
Investment company registered under Se	ection 8 of the In	nvestment

Company Act;	
An investment adviser in accordance with Rule 13d-1(b)((e) 1)(ii)(E);
	(f)
An employee benefit plan or endowment fund in accordance	ace with
Rule 13d-1(b)(1)(ii)(F);	
	(g)
	X
A parent holding company or control person in accordance	e with
Rule 13d-1(b)(1)(ii)(G);	
	(h)
A savings association as defined in Section 3(b) of the Fed	deral

Deposit Insurance Act;
(i) A church plan that is excluded from the definition of an
Investment company under Section 3(c)(14) of the Investment
Company act;
(j)
Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
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Provide the following information regarding the aggregate number and

Percentage of the class of securities of issuer identified in Item 1.

Ownership

Item 4.

(a) Amount beneficially owned:

12,035,819

Including

O shares where there is a Right to Acquire.

(b) Percent of class:

7.7%

(c) Number of shares as to which such person has:

(i)	Sole power to vote or to direct the vote:	10,878,711
(ii)	Shared power to vote or to direct the vote:	219,316
(iii)	Sole power to dispose or to direct the disposition of:	11,815,789
(iv)	Shared power to dispose or to direct the disposition of:	219,940

Item 5. Ownership of Five Percent or Less of a Class. NOT APPLICABLE

If this statement is being filed to report the fact that as of the date

hereof the reporting person has ceased to be the beneficial owner of more

than five percent of the class of securities, check the following.

()

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

JPMorgan Chase & Co. is the beneficial owner of

12,035,819 shares of the

issuer's common stock on behalf of other persons known to have one or more of the following:

the right to receive dividends for such securities;

the power to direct the receipt of dividends from such securities;

the right to receive the proceeds from the sale of such securities;

the right to direct the receipt of proceeds from the sale of such securities;

No such person is known to have an interest in more than 5% of the class of securities reported herein unless such person is identified below.

Item 7. Identification and Classification of the Subsidiary Which Acquired the

Security being reported on by the Parent Holding Company.

This notice is filed on behalf of JPMorgan Chase & Co. and its wholly owned Subsidiary (ies),

JPMorgan Chase Bank, National Association

J.P. Morgan Trust Company of Delaware

JPMorgan Asset Management (UK) Limited

J.P. Morgan Securities LLC

J.P. Morgan (Suisse) SA

JP Morgan International Bank Limited

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item

Certifications

10.

By signing below I certify that, to the best of my knowledge and belief,

the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: December 7, 2015

JPMorgan Chase & Co.

By: /s/ Michael T. Lees

Michael T. Lees

Compliance

The original statement shall be signed by each person on whose behalf the statement

is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative (other than an executive officer or general partner of the filing person), evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the commission may be incorporated by reference. The name and any title of each person who signs the the statement shall be typed or printed beneath his signature.